

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-8. (cancelled)

9. (currently amended) System for handover of a mobile wireless transmit/receive unit (WTRU) between a cellular network and a wireless local area network (WLAN) comprising:

~~means~~ a network communication device for communicating between a WLAN and a cellular network;

~~means~~ a cellular network communication device for communicating between the mobile unit and the cellular network;

~~means~~ a WLAN communication device for communicating between the mobile unit and the WLAN;

~~means~~ a WTRU location device for determining the location of the mobile unit;

~~means~~ a WLAN location device for determining the coverage area of the WLAN;

a correlation device for correlating the location of the mobile unit with the coverage area of the WLAN;

~~means~~ an informing device for informing the mobile unit of the existence of the WLAN when the mobile unit approaches the coverage area of the WLAN; and

~~means~~ a handoff device for handing over the mobile unit between the cellular network and the WLAN when the mobile unit is in the corresponding coverage area.

10. (currently amended) The system of claim 9 wherein the ~~means for handing over~~ handoff device provides a handoff from the cellular network to the WLAN when the mobile unit is in the coverage area of the WLAN.

11. (currently amended) The system of claim 9 wherein the ~~means for handing over the mobile unit between the cellular network and the WLAN~~ handoff device provides a handoff from the WLAN to the cellular network when the determined location of the mobile unit indicates the mobile unit leaving the coverage area of the WLAN.

12. (currently amended) The system of claim 9 further comprising ~~means a~~ WLAN data device to provide data to the WTRU to indicate the availability of WLAN coverage and at least one further aspect of the WLAN coverage.

13. (currently amended) The system of claim 9 further comprising ~~means a~~ WLAN data device to provide data to the WTRU to indicate the availability of WLAN coverage and further information concerning the WLAN coverage, the further information comprising at least one of cost, speed of the network, and user services offered by the WLAN.

14. (currently amended) The system of claim 13 further comprising ~~means~~ an acceptance device to provide user acceptance of communication through the WLAN in response to the data indicating the availability of WLAN coverage and the further information.

15. (currently amended) The system of claim 9 further comprising:

~~means~~ a WLAN data device to provide data to the WTRU to indicate the availability of WLAN coverage and further information concerning the WLAN coverage, the further information comprising at least one of cost, speed of the network, and user services offered by the WLAN; and

~~means~~ a selection device to provide user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may pre-select acceptance of communication through the WLAN according to the further information, prior to the receipt by the WTRU of the further information.

16. (currently amended) The system of claim 15 further comprising ~~means~~ a selection device to provide user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may pre-select acceptance of communication with the cellular network, prior to handoff from the WLAN to the cellular network.

17. (currently amended) The system of claim 9 further comprising ~~means~~ a selection device to provide user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may pre-select acceptance of communication with the cellular network, prior to handoff from the WLAN to the cellular network.

18. (currently amended) A wireless transmit and receive unit (WTRU) comprising:

a cellular network communication device for communicating with a cellular network and receiving information from the cellular network indicating a wireless local area network (WLAN) having a coverage area at a geolocation of the WTRU;

a handoff acceptance device for accepting a handing over of the WTRU from the cellular network to the ~~local network~~ WLAN after receiving the ~~local network~~ WLAN indicator information; and

a ~~local network~~ WLAN communication device for communicating with the ~~local network~~ WLAN after the WTRU is handed over to the ~~local network~~ WLAN.

19. (original) The WTRU of claim 18 wherein the handoff acceptance device responds to a handoff from the cellular network to the WLAN when the WTRU has a geolocation in the coverage area of the WLAN.

20. (original) The WTRU of claim 18 wherein the handoff acceptance device responds to a handoff from the WLAN to the cellular network when the determined location of the WTRU indicates the WTRU leaving the coverage area of the WLAN.

21. (original) The WTRU of claim 18 further comprising a circuit to receive data indicating the availability of WLAN coverage and at least one further aspect of the WLAN coverage.

22. (currently amended) The WTRU of claim 18 further comprising a circuit to receive data indicating the availability of WLAN coverage and further information concerning the WLAN coverage, the further information comprising at least one of cost, speed of the network, and user services offered by the WLAN.

23. (original) The WTRU of claim 22 further comprising a circuit to provide user acceptance of communication through the WLAN in response to the data indicating the availability of WLAN coverage and the further information.

24. (currently amended) The WTRU of claim 18 further comprising:

a circuit to receive data indicating the availability of WLAN coverage and further information concerning the WLAN coverage, the further information comprising at least one of cost, speed of the network, and user services offered by the WLAN; and

a circuit to provide user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may pre-select acceptance of communication through the WLAN according to the further information, prior to the receipt by the WTRU of the further information.

25. (original) The WTRU of claim 24 further comprising a circuit to provide user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may pre-select acceptance of communication with the cellular network, prior to handoff from the WLAN to the cellular network.

26. (original) The WTRU of claim 18 further comprising a circuit to provide user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may

pre-select acceptance of communication with the cellular network, prior to handoff from the WLAN to the cellular network.

27. (currently amended) Method for handover of a mobile wireless transmit/receive unit (WTRU) between a cellular network and a wireless local area network (WLAN) comprising:

establishing communication between the WLAN a cellular network;

determining the location of the mobile unit;

determining the coverage area of the WLAN;

correlating the location of the mobile unit with the coverage area of the WLAN;

informing the mobile unit of the existence of the WLAN when the location correlation indicates the mobile unit approaches entering the coverage area of the WLAN; and

handing over the mobile unit between the cellular network and the WLAN when the mobile unit is in the corresponding coverage area.

28. (original) The method of claim 27 wherein the handing over provides a handoff from the cellular network to the WLAN when the mobile unit is in the coverage area of the WLAN.

29. (original) The method of claim 27 wherein the handing over the mobile unit between the cellular network and the WLAN provides a handoff from the WLAN to the cellular network when the determined location of the mobile unit indicates the mobile unit leaving the coverage area of the WLAN.

30. (original) The method of claim 27 further comprising providing data to the WTRU to indicate the availability of WLAN coverage and at least one further aspect of the WLAN coverage.

31. (currently amended) The method of claim 27 further comprising providing data to the WTRU to indicate the availability of WLAN coverage and further information concerning the WLAN coverage, the further information comprising at least one of cost, speed of the network, and user services offered by the WLAN.

32. (original) The method of claim 31 further comprising providing user acceptance of communication through the WLAN in response to the data indicating the availability of WLAN coverage and the further information.

33. (currently amended) The method of claim 27, further comprising the WLAN interacting with the cellular network to provide the cellular network with data concerning coverage of ~~at least one~~ the WLAN ~~in the core network~~ and services offered by said WLAN to the mobile units.

34. (currently amended) The method of claim 27 further comprising:
providing data to the WTRU to indicate the availability of WLAN coverage and further information concerning the WLAN coverage, the further information comprising at least one of cost, speed of the network, and user services offered by the WLAN; and

providing user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may

pre-select acceptance of communication through the WLAN according to the further information, prior to the receipt by the WTRU of the further information.

35. (original) The method of claim 34 further comprising providing user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may pre-select acceptance of communication with the cellular network, prior to handoff from the WLAN to the cellular network.

36. (original) The method of claim 27 further comprising providing user selection of the WLAN in response to the data indicating the availability of WLAN coverage and the further information, wherein the user may pre-select acceptance of communication with the cellular network, prior to handoff from the WLAN to the cellular network.

37. (new) A mobile communications system, in which a core network provides wireless service to a plurality of mobile units, and a first local network of a first type provides communication with ones of the mobile units, wherein mobile unit communications are handed over between said first local network and a second local network of a second type, the system comprising:

a database, accessible by the core network, which includes information concerning the first and second local networks and geographic coverage of the first and second local networks; and

a position comparison device to identify a position of at least one mobile unit and to correlate the geographic coverage of the first and second local networks with the position of said one mobile unit and provide information concerning the

correlation to a user of said one mobile unit, said one mobile unit able to communicate with said first and second local networks.

38. (new) The mobile communications system of claim 37, wherein the position identification function includes accepting signals from a GPS position locator associated with said one mobile unit.

39. (new) The mobile communications system of claim 37, wherein the position identification function includes using network based location using signal calculations derived from communications with said one mobile unit.

40. (new) The mobile communications system of claim 37, wherein the position identification function includes at least one of angle of arrival (AOA), time difference of arrival (TDOA) and GPS.

41. (new) The mobile communications system of claim 37, wherein the position identification function is provided by a hybrid system using GPS position locator associated with said one mobile unit, and network based location.

42. (new) The mobile communications system of claim 37, wherein one of the local networks is a digital cellular communications network capable of communicating with the mobile units and the other local network is a WLAN capable of communicating with the mobile units.

43. (new) The mobile communications system of claim 37, wherein each local network interacts with the core network to provide the core network with data

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concerning the service area coverage of that local network and services offered by that local network to the mobile units.

44. (new) The mobile communications system of claim 42, wherein each local network interacts with the core network to provide the position of the mobile unit when served by that local network.